Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 01 Nov 2020 until 23:59 on Monday 02 Nov 2020

Forecast Issued on Saturday 31 Oct 2020 at 13:04

Confidence: High for wet and windy weather into next week and for then to become more settled and colder, but low confidence for rainfall amounts and timings of heaviest rain.

Headline for Sunday 01 Nov 2020: Rain clearing in morning then brighter with perhaps some sunshine, but cloud increasing in afternoon to bring occasionally heavy rain. Windy.

Mountain weather hazards on Sunday 01 Nov 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
20%	70%	90%	10%	40%	80%	>95%	90%

Forecast for Sunday 01 Nov 2020

Weather: Cloudy overnight with rain spreading from west. Some heavy rain at first Sunday, but becoming lighter before clearing through the morning. Then a drier and brighter interlude with perhaps some sunshine, but cloud thickening again in afternoon to bring further outbreaks of rain, again some heavy.

Chance of cloud free mountain/hill tops above 600m: No chance for the bulk of the night. Chance improving in morning to 60-80% as cloud lifts and breaks, but little chance in rain in afternoon as cloud becomes persistent down to 600m, but lowering to 400m in west.

Visibility: Generally poor overnight and poor or very poor for much of the afternoon, only briefly good in east in any drier spells, but mainly good in drier interlude through morning,

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Forecast for Sunday 01 Nov 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 SW	30/41 S	38/52 S	31/44 SW	27/39 SW	27/38 SW	35/52 SW	36/52 SW	32/47 SW
300	19/29 S	22/33 S	29/43 S	23/35 SW	19/29 SW	18/29 SW	26/44 SW	28/43 SW	24/40 SW
Valley	12/29 S	15/32 S	19/42 S	16/34 SW	13/28 SW	12/28 S	17/41 S	19/42 SW	18/40 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-2	6/-0	8/2	7/2	7/2	10/5	12/7	12/7
300	7/3	7/2	8/4	10/6	10/6	10/6	12/8	14/10	14/10
Valley	8/4	8/4	9/5	11/8	10/8	10/8	12/9	14/11	14/11
Freezing Level*	1200m	1500m	2500m	1800m	2100m	3400m	3400m	3300m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy, with winds over the tops possibly stronger than on tables. Some wind chill on the tops, despite quite mild temperatures. Very difficult conditions with wind and rain and buffeting winds will cause mobility issues.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 31 Oct 2020	1.4mm	1.6mm	5mm

Forecast for Monday 02 Nov 2020

Weather: Wet and windy overnight and at first on Monday but rain will clear in the morning and skies will brighten. Some sunny spells will develop, but a colder day and staying windy, with some heavy and blustery showers, possibly accompanied by hail and thunder. Showers likely to merge to give longer spells of rain in evening and this could be a touch wintry over Kinder Scout.

Maximum wind: Southwest 35-40 gust 55mph becoming west to southwest and decreasing 30 gust 45mph later

Chance of cloud free mountain/hill tops above 600m: Nil at first, but then 70% with broken cloud down to 500 or 600m at times, mainly in showers. Lower chance in evening with longer spells of rain leading to more persistent cloud down to 500m

Visibility: Poor or very poor at first, then becoming mostly good, but quite often a few kilometres in showers, perhaps less than a kilometre in heavy showers and any wintriness.

Temperature: **Valleys:** Plus 12 Celsius, falling to plus 7 or 8 C after dark
At 600m: Plus 11 C at first gradually falling to plus 5 or 6 C
Freezing level: Gradually falling, but staying above the tops

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